

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-19. (Canceled)

20. (New) A wind power installation rotor blade, comprising:

a rotor blade trailing edge and a rotor blade leading edge,

a rotor blade chord that extends from the centre of the rotor blade trailing edge to a foremost point of the rotor blade leading edge,

a thickness reserve of the rotor blade is positioned in the range of 15% to 40% of the length of the rotor blade chord, and

wherein the rotor blade has a greatest profile thickness in the range of 20% to 45% of the length of the rotor blade chord.

21. (New) The rotor blade according to claim 20 wherein:

the rotor blade has a thickness reserve in the range of 23% to 28% at the length of the rotor blade chord, and

the rotor blade has a greatest profile thickness in the range between 42% to 46% at the length of the rotor blade chord.

22. (New) The rotor blade according to claim 20 wherein:

a cross-section of the rotor blade is defined by a mean camber line, whose the greatest camber is in a range between 50° to 70°.

23. (New) The rotor blade according to claim 22 wherein:

the greatest camber is in the range of 60° to 65°.

24. (New) The rotor blade according to claim 22 wherein:
the greatest camber of the rotor blade is a value between 3% to 10% of the length of the rotor blade chord.
25. (New) The rotor blade according to claim 24 wherein:
the greatest camber of the rotor blade is a value between 4% to 7% of the length of the rotor blade chord.
26. (New) The rotor blade according to claim 21 wherein:
the cross-section is arranged in the lower third of the rotor blade, which adjoins a rotor blade connection.
27. (New) A rotor blade according to claim 20, further comprising:
an increased-pressure side and a reduced-pressure side, wherein the increased-pressure side has a portion with a concave curvature and wherein the reduced-pressure side has a portion with a substantially straight part.
28. (New) The rotor blade according to claim 20 wherein:
the outline of the cross-section of the rotor blade crosses the rotor blade chord twice.
29. (New) The rotor blade according to claim 27 wherein:
the ratio of the length of the reduced-pressure side to the length of the increased-pressure side is less than a value of 1.2.
30. (New) The rotor blade according to claim 29 wherein:
the ratio of the length of the reduced-pressure side to the length of the increased-pressure side corresponds to a range of values between 1 to 1.03.

31. (New) A wind power installation comprising at least one rotor blade according to claim 20.

32. (New) A wind power installation, comprising
a rotor, a rotor hub, and a hub cladding;
at least one rotor blade with a rotor blade root which is mounted to the rotor hub,
the rotor blade having a first and second portion;
the first portion of the rotor blade being fixedly connected to the hub cladding;
the second portion of the rotor blade having an adjustable pitch and being
rotatable about an axis; and
the profile of the first portion of the rotor blade substantially corresponding to the
profile of the second portion of the rotor blade in the region near the rotor hub.

33. (New) The wind power installation according to claim 32 wherein the
first portion of the rotor blade is stationary and is orientated such that at nominal wind speed the
pitch of the second portion of the rotor blade is adjusted such that the second portion of the rotor
blade is arranged directly above the first portion of the rotor blade in the region near the rotor
hub.

34. (New) A wind power installation, comprising:
a rotor, a rotor hub, a hub cladding and at least one rotor blade mounted on the
rotor hub,
wherein the rotor blade comprises its greatest profile depth at the rotor blade root,
wherein the ratio of the profile depth of the rotor blade to the diameter of the rotor
corresponds to a range between 0.04 to 0.1.

35. (New) The wind power installation according to claim 34 wherein the
ratio of the profile depth of the rotor blade and the diameter of the rotor corresponds to a value
between 0.055 to 0.7.

36. (New) A wind power installation, comprising:

a rotor, a rotor hub, a hub cladding, at least one rotor blade mounted to the rotor hub, and a pod accommodating a generator and the rotor which is connected to the generator, wherein the rotor comprises a spinner, wherein the ratio of the profile depth of the rotor blade to the diameter of the spinner corresponds to a value that is greater than 0.4.

37. (New) The wind power installation according to claim 36 wherein the ratio of the profile depth of the rotor blade and the diameter of the spinner corresponds to a range between 0.5 to 1.

38. (New) A wind power installation, comprising:

a rotor, a rotor hub, a hub cladding and at least one rotor blade,

wherein the rotor blade comprises a substantially trapezoidal shape, wherein the rotor blade has its greatest width in the region of the rotor blade root,

wherein the edge of the rotor blade root, which faces towards the rotor of the wind power installation is arranged such that the edge substantially matches the external contour of the rotor.

39. (New) The wind power installation according to claim 38 wherein the lower edge of the rotor blade root facing toward the pod is substantially parallel to the external contour of the pod when the rotor blades are brought into the feathered position.

40. (New) The wind power installation according to claim 39 wherein the spacing of the lower edge of the rotor blade facing towards the pod and the external contour of the pod in the feathered position of the rotor blade is less than 50 cm.

41. (New) The wind power installation according to claim 39 wherein the spacing of the lower edge of the rotor blade facing the pod and the external contour of the pod, when the rotor blade is brought into the feathered position is less than 20 cm.

42. (New) The wind power installation according to claim 32 wherein the rotor blade is tilted in the root region out of the main blade plane.

43. (New) The wind power installation according to claim 32 wherein the rotor blade is of a two-part configuration in its root region with a separating line directed in the longitudinal direction of the rotor blade.

44. (New) The wind power installation according to claim 43 wherein both parts of the rotor blade are fitted together shortly before the installation of the rotor blade in the wind power installation.

45. (New) The wind power installation according to claim 43 wherein the two-parts of the rotor blade are separated during transport of the rotor blade.

46. (New) The wind power installation according to claim 32 wherein the rotor blade comprises a reduced-pressure side and an increased-pressure side, wherein the ratio of the length of the reduced-pressure side to the length of the increased-pressure side is less than 1.2.

47. (New) The wind power installation according to claim 46 wherein the ratio of the length of the reduced-pressure side to the length of the increased-pressure side is less than 1.1.

48. (New) The wind power installation according to claim 46 wherein the ratio of the length of the reduced-pressure side to the length of the increased-pressure side is in a range of values between 1 to 1.03.